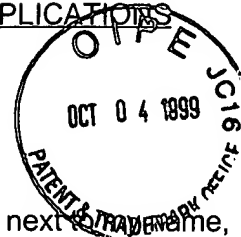


DECLARATION AND POWER OF ATTORNEY FOR U.S. PATENT APPLICATIONS



As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,
and

I believe I am an original, first and joint inventor of the subject matter which is claimed
and for which a patent is sought on the invention entitled

REGULATION OF GENE EXPRESSION

the specification of which was filed on May 10, 1999 as U.S. Application No. **09/309,038**.

I hereby state that I have reviewed and understand the contents of the above identified
specification, including the claims.

I acknowledge my duty to disclose all information which is known by me to be material to
the patentability of this application as defined in 37 C.F.R. §1.56.

I hereby claim the benefit under 35 U.S.C. §119(a)-(d) or §365(b) of any foreign
application(s) for patent or inventor's certificate listed below and under 35 U.S.C. §365(a) of any
PCT international application(s) designating at least one country other than the United States
listed below and have also listed below any foreign application(s) for patent or inventor's
certificate or any PCT international application(s) designating at least one country other than the
United States for the same subject matter and having a filing date before that of the application
the priority of which is claimed for that subject matter:

None

I hereby claim the benefit under 35 USC §119(e) of any United States provisional
application(s) listed below:

Application No.

Filing Date

60/150,705

May 26, 1998

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) listed below and under 35 U.S.C. §365(c) of any PCT international application(s) designating the United States listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in said prior application(s) in the manner required by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose all information known by me to be material to patentability as defined in 37 C.F.R. §1.56 which became available between the filing date(s) of the prior application(s) and the national or PCT international filing date of this application:

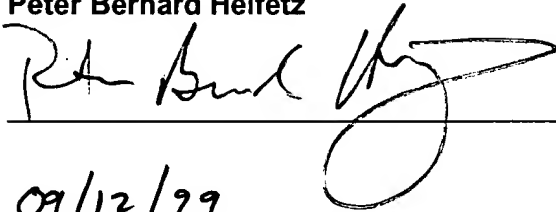
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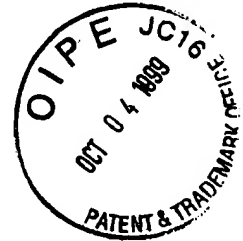
I hereby appoint the attorneys and agents associated with Customer No. 22847, respectively and individually, as my attorneys and agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Please address all communications to Larry W. Stults, Novartis Corporation, Patent Department, P.O. Box 12257, Research Triangle Park, NC 27709-2257.

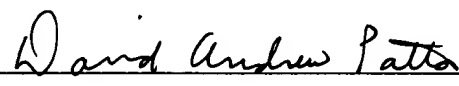
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FIRST JOINT INVENTOR:

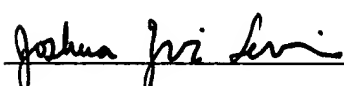
Full name : **Peter Bernard Heifetz**
Signature : 
Date : 09/12/99
(MM/DD/YY)
Citizenship : United States of America
Residence : Durham, North Carolina
P.O. Address : 3916 Sturbridge Drive
Durham, North Carolina 27713



SECOND JOINT INVENTOR:

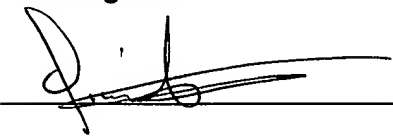
Full name : **David Andrew Patton**
Signature : 
Date : 07/07/99
(MM/DD/YY)
Citizenship : United States of America
Residence : Durham, North Carolina
P.O. Address : 3506 Long Ridge Road
Durham, North Carolina 27703

THIRD JOINT INVENTOR:

Full name : **Joshua Zvi Levin**
Signature : 
Date : 09/07/99
(MM/DD/YY)
Citizenship : United States of America
Residence : Durham, North Carolina
P.O. Address : 1008 Urban Avenue
Durham, North Carolina 27701

FOURTH JOINT INVENTOR:

Full name : **Qiudeng Que**

Signature : 

Date : 9/7/99
(MM/DD/YY)

Citizenship : United States of America

Residence : Apex, North Carolina

P.O. Address : 108 Forest Brook Drive
Apex, North Carolina 27502

FIFTH JOINT INVENTOR:

Full name : **Petrus Theodorus De Haan**

Signature : _____

Date : _____
(MM/DD/YY)

Citizenship : Netherlands

Residence : Enkhuizen, Netherlands

P.O. Address : Kruideel 34
Enkhuizen 1602GL
Netherlands

SIXTH JOINT INVENTOR:

Full name : **Johannes Jacobus Ludgerus Gielen**

Signature : _____

Date : _____
(MM/DD/YY)

Citizenship : Netherlands

Residence : Aucamville, France

P.O. Address : 6A, Impasse Manet
Aucamville 31340
France

IMPORTANT: Before this declaration is signed, the patent application (the specification, the claims and this declaration) must be read and understood by each person signing it, and no changes may be made in the application after this declaration has been signed.



Case A-30496B

DECLARATION AND POWER OF ATTORNEY FOR U.S. PATENT APPLICATIONS

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REGULATION OF GENE EXPRESSION

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None

I hereby claim the benefit under 35 USC §119(e) of any United States provisional application(s) listed below:

Application No.

Filing Date

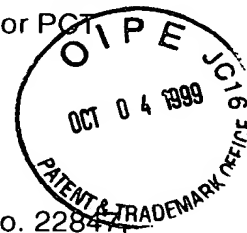
60/150,705

May 26, 1998

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None



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FIRST JOINT INVENTOR:

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Signature :

Date :

(MM/DD/YY)

Citizenship : United States of America

Residence : Durham, North Carolina

P.O. Address : 3916 Sturbridge Drive
Durham, North Carolina 27713

SECOND JOINT INVENTOR:

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Signature :

Date :

(MM/DD/YY)

Citizenship : United States of America

Residence : Durham, North Carolina

P.O. Address : 3506 Long Ridge Road
Durham, North Carolina 27703

THIRD JOINT INVENTOR:

Full name : **Joshua Zvi Levin**

Signature :

Date :

(MM/DD/YY)

Citizenship : United States of America

Residence : Durham, North Carolina

P.O. Address : 1008 Urban Avenue
Durham, North Carolina 27701

FOURTH JOINT INVENTOR:

Full name : **Qiudeng Que**

Signature :

Date :

(MM/DD/YY)

Citizenship : United States of America

Residence : Apex, North Carolina

P.O. Address : 108 Forest Brook Drive
Apex, North Carolina 27502

FIFTH JOINT INVENTOR:

Full name : **Petrus Theodorus De Haan**

Signature :

Date :

(MM/DD/YY)

Citizenship : Netherlands

Residence : Enkhuizen, Netherlands

P.O. Address : Kruideel 34
Enkhuizen 1602GL
Netherlands

SIXTH JOINT INVENTOR:

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Signature :

Johannes Jacobus Ludgerus Gielen

Date :

083099

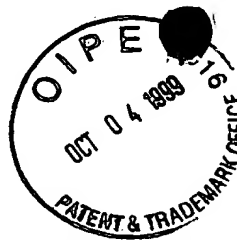
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